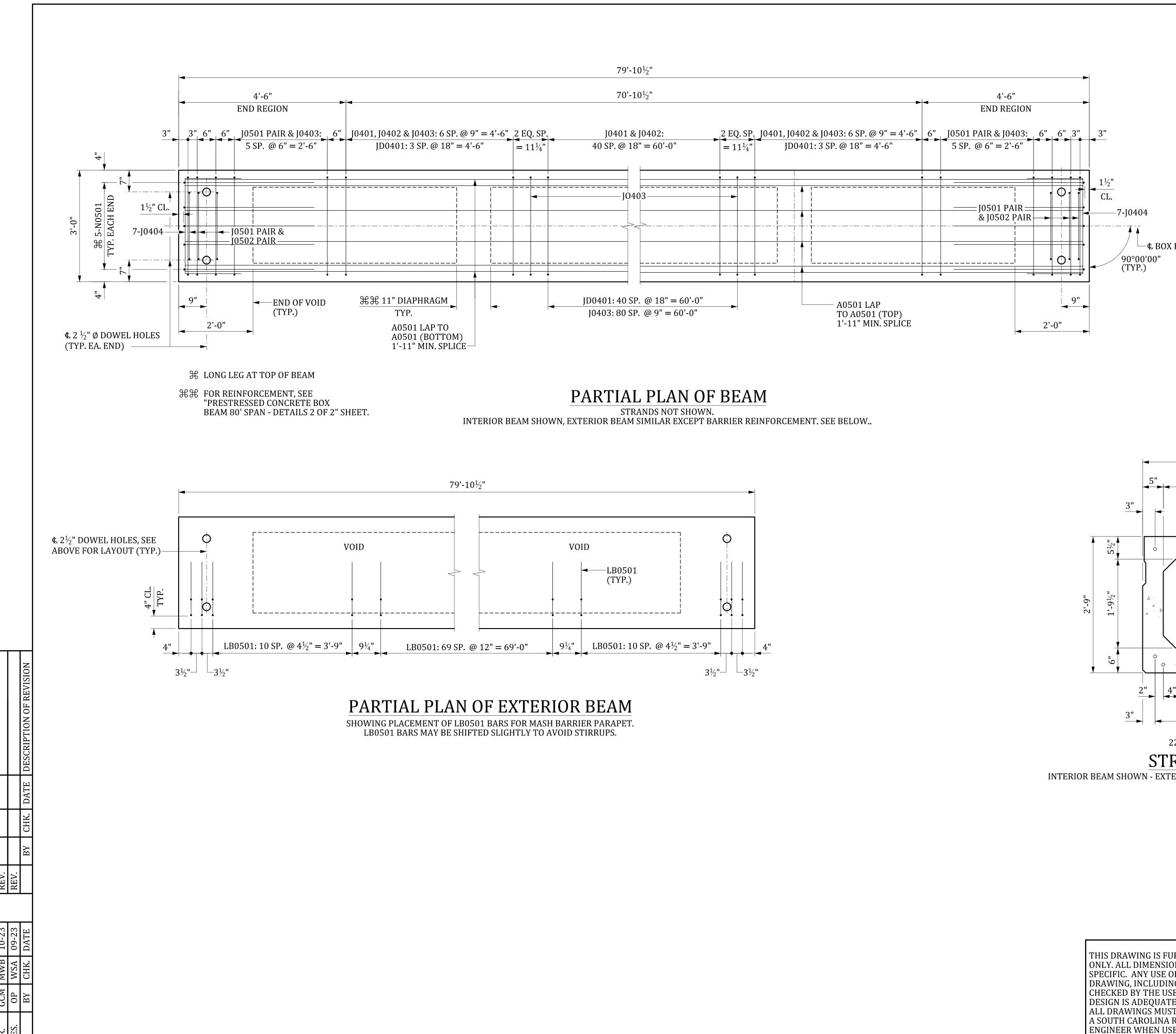


S. OP WSA	REVIEWED	
	GCM MWB GCM MWB OP WSA	VED GCM MWB GCM MWB OP WSA
		VED GCM MWB
GCM		EVIEWED

	BRIDGE PLANS ID SHEET ####-#### #####
$ \begin{array}{c} $	
3'-0" 5" 2'-2" 5" 2'-2" 5" 2'-2" 5" 5" 2'-2" 5" 5" 2'-2" 5" 5" 2'-2" 5" 5" 5" 2'-2" 5" 5" 5" 5" 2'-2" 5" 5" 5" 5" 5" 5" 5" 5" 5" 5	3" NOTE: BOND SHALL BE BROKEN ON STRANDS AS SHOWN FOR THE SPECIFIED LENGTH FROM EACH END OF THE BOX BEAM. SEE NOTES ON "PRESTRESSED
	CONSULTANT NAME/LOGO
THIS DRAWING IS FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. ANY USE OF THIS DESIGN AND DRAWING, INCLUDING DIMENSIONS, MUST BE CHECKED BY THE USER'S ENGINEER TO ENSURE DESIGN IS ADEQUATE FOR THE INTENDED USE. ALL DRAWINGS MUST BE SIGNED AND SEALED BY A SOUTH CAROLINA REGISTERED PROFESSIONAL	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS 1 OF 2 (-15° SKEW)
ENGINEER WHEN USED.	COUNTY: #### ROUTE: ####

DRAWING NUMBER: 704-ABB.S080.SK-15.D01



THIS DRAWING IS FU ONLY. ALL DIMENSIC SPECIFIC. ANY USE C DRAWING, INCLUDIN CHECKED BY THE US DESIGN IS ADEQUAT ALL DRAWINGS MUS
ALL DRAWINGS MUS A SOUTH CAROLINA
ENGINEER WHEN US

	BRIDGE PLANS ID	SHEET
	####-####	####
BEAM		
3'-0"		
2'-2" 5"		
3"		
	DESIGN DATA	
	STRANDS: 0.6"Ø LOW RELAX. GRADE 270	
	AREA=0.217 SQ. IN. TENSIONING LOAD = 43.9 KIPS	
2-2	CONCRETE:	
	$\begin{array}{c} f'c = 7.0 \text{ KSI} \\ f'ci = 5.0 \text{ KSI} \end{array}$	
	• FULLY BONDED STRANDS	
	DEBONDED STRANDS FOR AL OF EDOM END OF DEAM	
9 SPACES @ 2" 4" 2" N	4'-0" FROM END OF BEAM	
	10'-0" FROM END OF BEAM	
2'-6"	NOTE: BOND SHALL BE BROKEN ON	
2 - 0.6" Ø L.R. STRANDS	STRANDS AS SHOWN FOR THE SPECIFIED LENGTH FROM EACH	
RAND LAYOUT	END OF THE BOX BEAM. SEE NOTES ON "PRESTRESSED	
RIOR BEAM SIMILAR EXCEPT SHEAR KEY LOCA	ATION. CONCRETE BOX BEAM TYPICAL SUPERSTRUCTURE SECTION" SHEET.	
	JILLI.	
Γ		
	CONSULTANT NAME/LOGO	
RNISHED FOR INFORMATION	SOUTH CAROLINA	
NS SHOWN ARE SHEET DEPA	ARTMENT OF TRANSPORTATION	
G DIMENSIONS, MUST BE ER'S ENGINEER TO ENSURE PRESTR	ESSED CONCRETE BOX BI	EAM
BE SIGNED AND SEALED BY)' SPAN - DETAILS 1 OF 2	
REGISTERED PROFESSIONAL ED.	(0° SKEW)	
COUNTY: ####	ROUTE: ####	

DRAWING NUMBER: 704-ABB.S080.SK000.D01

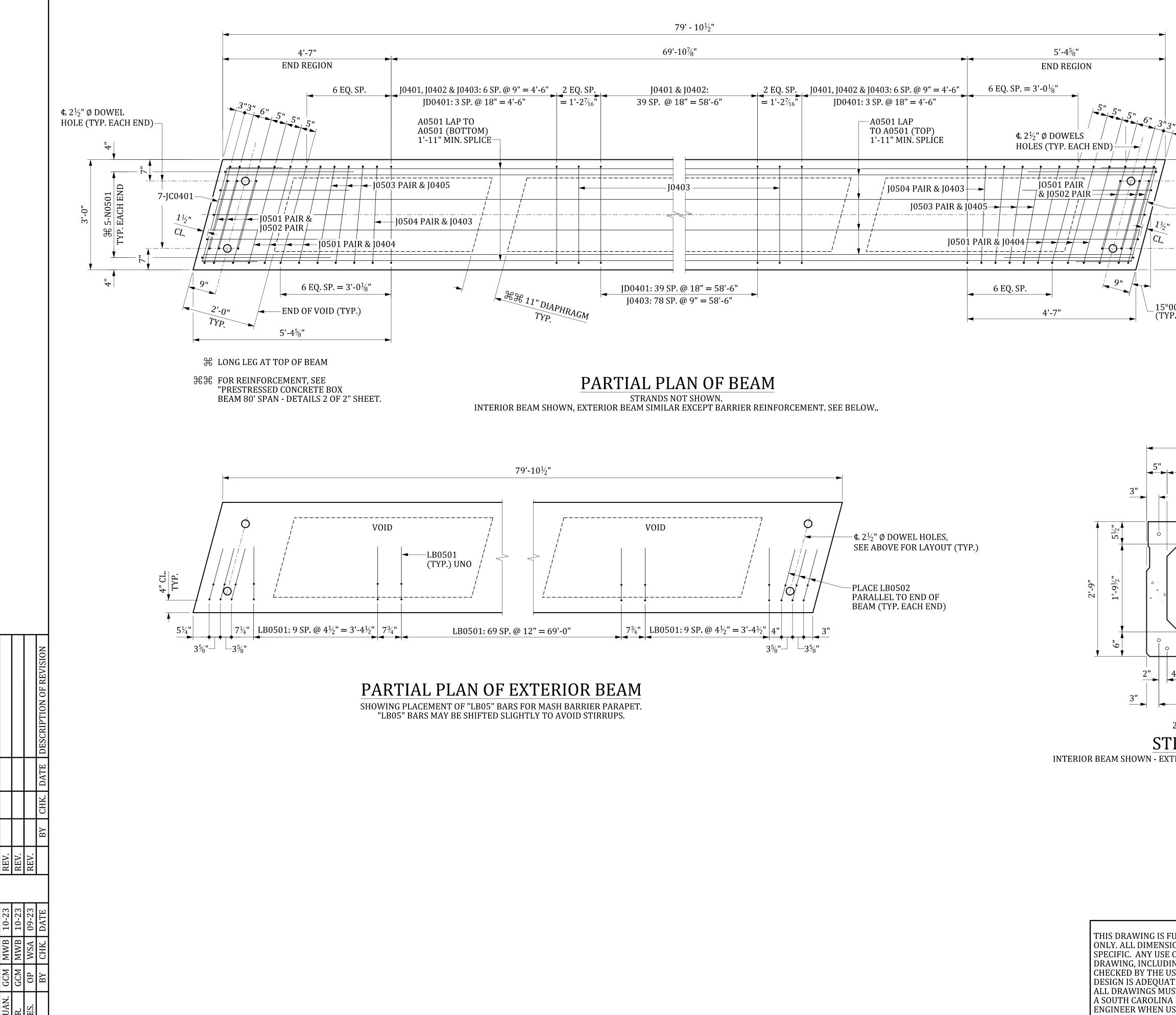
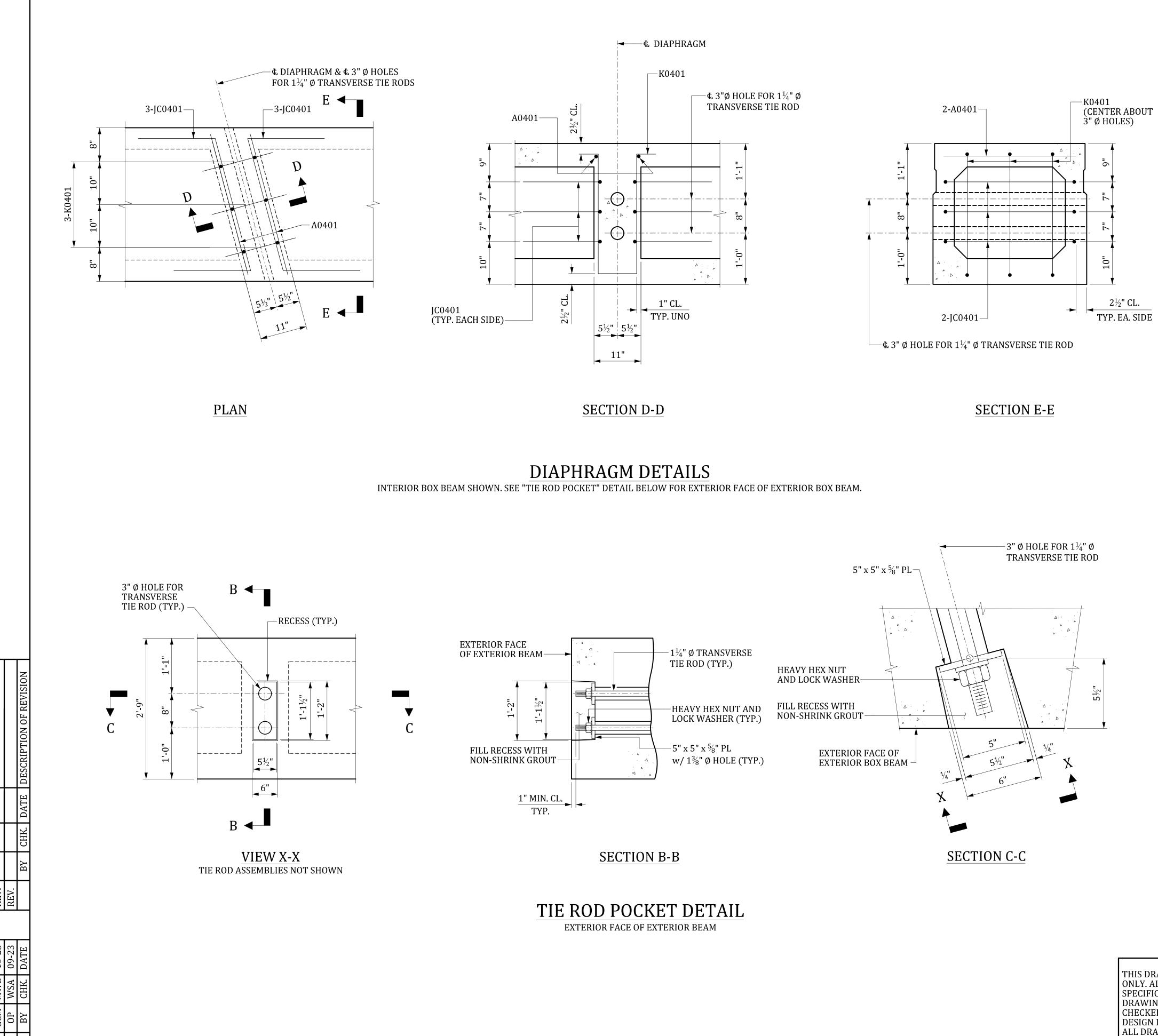


Image: Strange of the second secon		BRIDGE PLANS ID SHEET ####-#### #####
Image: strange	END) 7 - JC0401 $1^{3/2}$ CL. 9^{n} $15^{\circ}00'00''$	
THIS DRAWING IS FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. ANY USE OF THIS DESIGN AND DRAWING, INCLUDING DIMENSIONS, MUST BE CHECKED BY THE USER'S ENGINEER TO ENSURE DESIGN IS ADEQUATE FOR THE INTENDED USE. ALL DRAWINGS MUST BE SIGNED AND SEALED BY A SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER WHEN USED.	2'-2" 3" 3" 2'-2" 5" 2'-2" 5" 5" 2'-2" 5" 5" 5" 5" 5" 5" 5" 5" 5" 5	Image: Strands: 0.6"Ø LOW RELAX. GRADE 270 AREA=0.217 SQ. IN. TENSIONING LOAD = 43.9 KIPS CONCRETE: fc = 7.0 KSI fc = 5.0 KSI fc = 5.0 KSI • FULLY BONDED STRANDS Image: Strands of the stra
THIS DRAWING IS FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. ANY USE OF THIS DESIGN AND DRAWING, INCLUDING DIMENSIONS, MUST BE CHECKED BY THE USER'S ENGINEER TO ENSURE DESIGN IS ADEQUATE FOR THE INTENDED USE. ALL DRAWINGS MUST BE SIGNED AND SEALED BY A SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER WHEN USED.		CONSULTANT NAME/LOGO
	THIS DRAWING IS FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. ANY USE OF THIS DESIGN AND DRAWING, INCLUDING DIMENSIONS, MUST BE CHECKED BY THE USER'S ENGINEER TO ENSURE DESIGN IS ADEQUATE FOR THE INTENDED USE. ALL DRAWINGS MUST BE SIGNED AND SEALED BY A SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER WHEN USED.	DEPARTMENT OF TRANSPORTATION PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS 1 OF 2 (+15° SKEW)

DRAWING NUMBER: 704-ABB.S080.SK015.D01



RE RE

THIS DRAWING IS FU ONLY. ALL DIMENSION SPECIFIC. ANY USE ON DRAWING, INCLUDING CHECKED BY THE USE DESIGN IS ADEQUAT ALL DRAWINGS MUS A SOUTH CAROLINA ENGINEER WHEN US

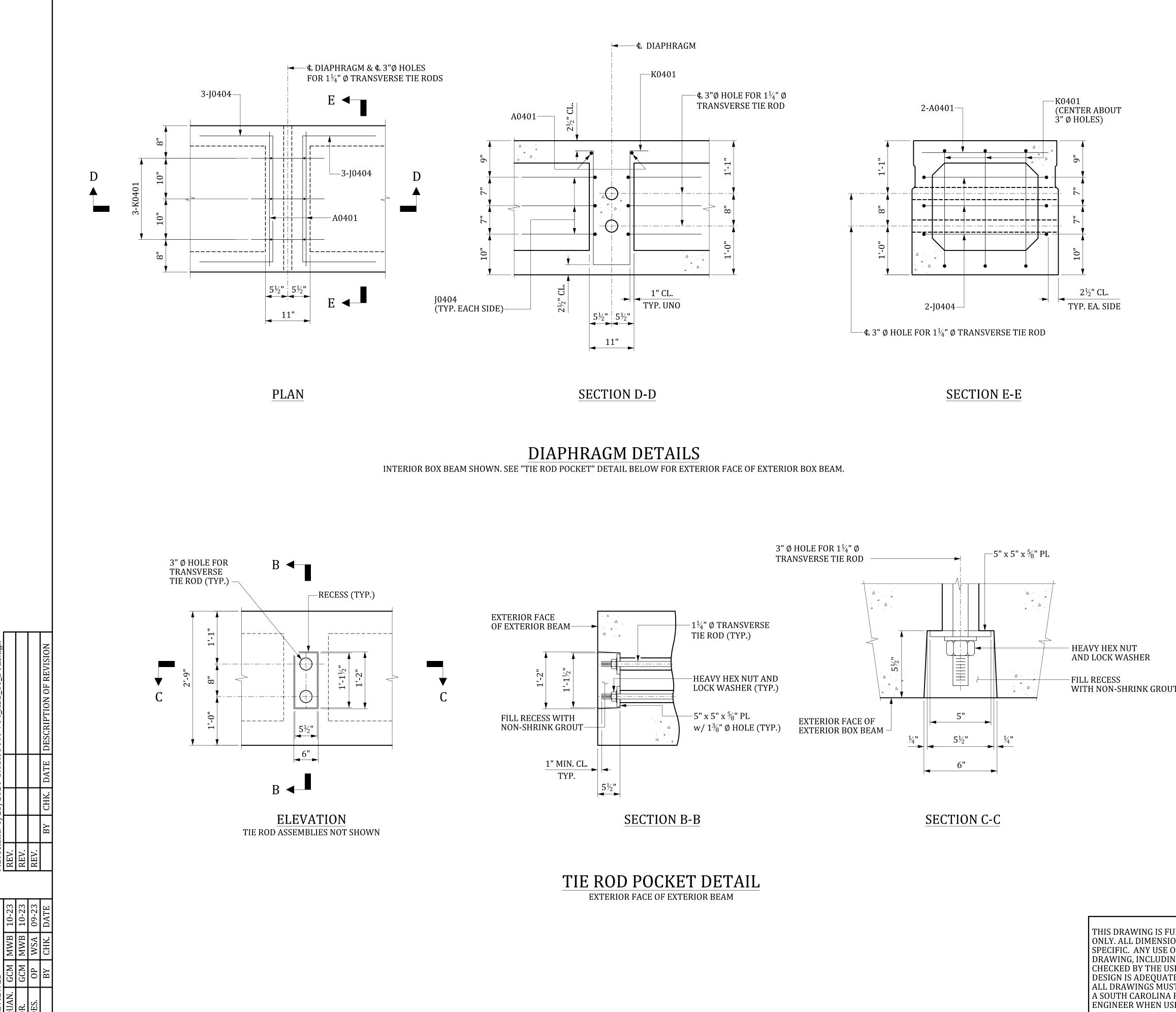
	CONSULTANT NAME/LOGO
RNISHED FOR INFORMATION	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
OF THIS DESIGN AND IG DIMENSIONS, MUST BE ER'S ENGINEER TO ENSURE E FOR THE INTENDED USE. T BE SIGNED AND SEALED BY REGISTERED PROFESSIONAL ED.	PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS 2 OF 2 (-15° SKEW)
	COUNTY: ####ROUTE: ####DRAWING NUMBER: 704-ABB.S080.SK-15.D02

BRIDGE PLANS ID

####-####

SHEET

####



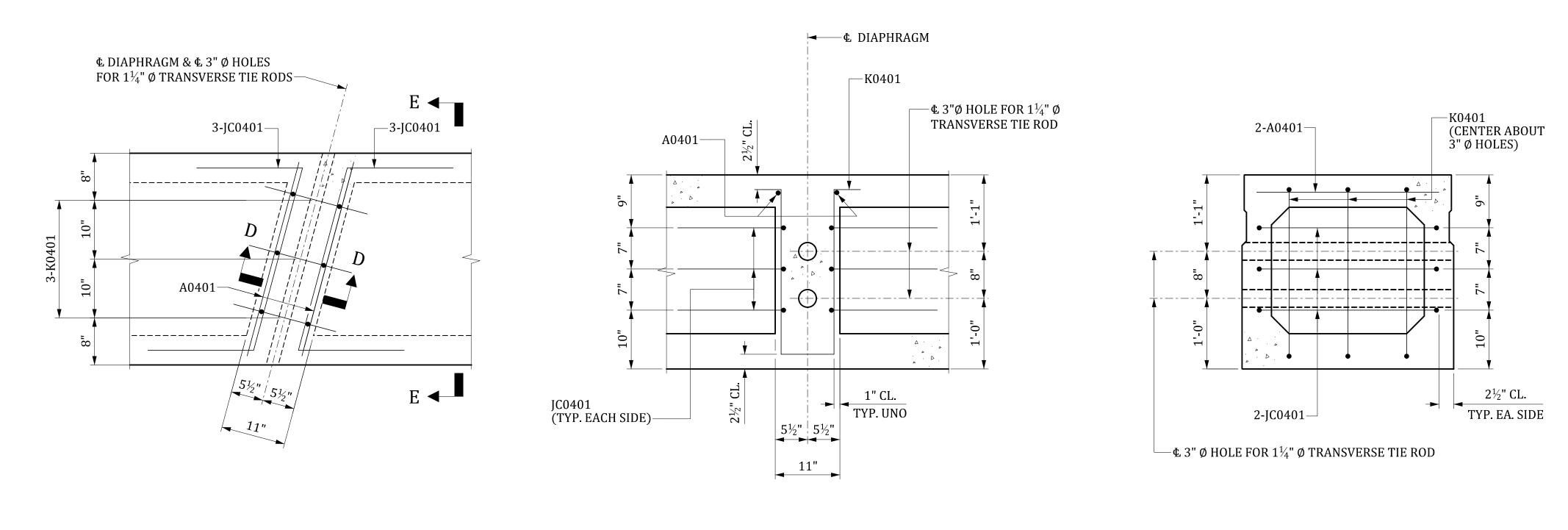
Т	
I IRNISHED FOR INFORMATION ONS SHOWN ARE SHEET OF THIS DESIGN AND	CONSULTANT NAME/LOGO SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
IG DIMENSIONS, MUST BE ER'S ENGINEER TO ENSURE E FOR THE INTENDED USE. T BE SIGNED AND SEALED BY REGISTERED PROFESSIONAL ED.	PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS 2 OF 2 (0° SKEW)
I	DRAWING NUMBER: 704-ABB.S080.SK000.D01

BRIDGE PLANS ID

####-####

SHEET

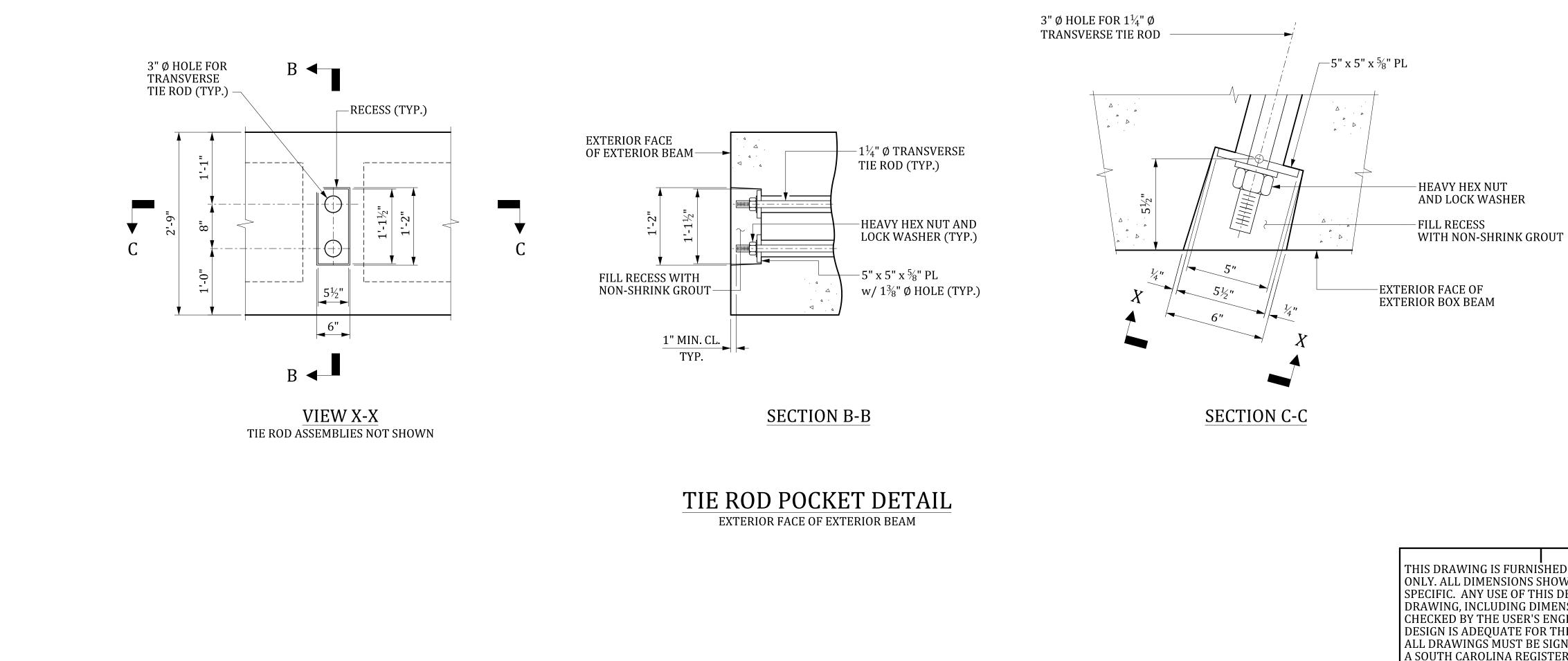
####



PLAN

REV REV REV

 $\Sigma \Sigma$



SECTION D-D

SECTION E-E

DIAPHRAGM DETAILS

INTERIOR BOX BEAM SHOWN. SEE "TIE ROD POCKET" DETAIL BELOW FOR EXTERIOR FACE OF EXTERIOR BOX BEAM.

A SOUTH CAROLINA ENGINEER WHEN US

	CONSULTANT NAME/LOGO
 JRNISHED FOR INFORMATION ONS SHOWN ARE SHEET	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
OF THIS DESIGN AND NG DIMENSIONS, MUST BE SER'S ENGINEER TO ENSURE 'E FOR THE INTENDED USE. ST BE SIGNED AND SEALED BY REGISTERED PROFESSIONAL SED.	PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS 2 OF 2 (+15° SKEW)
	COUNTY: #### ROUTE: ####
	DRAWING NUMBER: 704-ABB.S080.SK015.D02

BRIDGE PLANS ID

####-####

SHEET

####